Samsung GALAXY Tab **GT-P1010**

user manual

SAMSUNG

Using this manual

Congratulations on your purchase of the Samsung P1010. This powerful, "go anywhere" device, puts the best of the web and mobile computing at your fingertips in a lightweight, highly versatile platform that fits your active lifestyle. Built on the Google Android operating system, the P1010 gives you access to thousands of useful and entertaining applications to enrich your mobile web experience.

With integrated wireless access and a responsive touch screen, you can read books and newspapers on the go; stay up-to-date on the latest news, sports, and weather; manage your multimedia and business files; and browse the web for maps, business locations, and more.

Read me first

- Please read all safety precautions and this manual carefully before using your device to ensure safe and proper use.
- The descriptions in this manual are based on the default settings of your device.
- Images and screenshots used in this user manual may differ in appearance from the actual product.
- Content in this user manual may differ from the product, or from software provided by service providers or carriers, and is subject to change without prior notice. Refer to www.samsungmobile.com for the latest version of the user manual.
- Available features and additional services may vary by device, software, or service provider.
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- Please keep this manual for future reference.

Instructional icons

Before you start, familiarize yourself with the icons you will see in this manual:

Warning—situations that could cause injury to yourself or others

Caution—situations that could cause damage to your device or other equipment

Note—notes, usage tips, or additional information

► **Refer to**—pages with related information; for example: ► p.12 (represents "see page 12")

→ **Followed by**—the order of options or menus you must select to perform a step; for example: In Menu mode, select **Settings** → **Wireless and network** (represents **Settings**, followed by **Wireless and network**)

[ ] **Square brackets**—device keys; for example: [⏻] (represents the Power key)

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ABOUT DIVX VIDEO

DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified® device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

DivX Certified® to play DivX® video up to 640x480, including premium content.

ABOUT DIVX VIDEO-ON-DEMAND

This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu.
Go to vod.divx.com for more information on how to complete your registration.

Contents

Assembling 8
- Unpack 8
- Charge the battery 8
- Insert a memory card (optional) 9

Getting started 11
- Turn your device on and off 11
- Get to know your device 11
- Use the touch screen 14
- Get to know the home screen 15
- Access applications 16
- Customize your device 17
- Enter text 19

Web 22
- Browser 22
- Readers Hub 25
- News & Weather 25
- Samsung Apps 25
- Market 26
- YouTube 26
- Daily Briefing 27
- Maps 28
- Latitude 28
- Places 29
- Navigation 29
- Google Search 30

Communication 31
Qik Video 31
Google Mail 31
Email 32
Talk 33
Social Hub 34

Entertainment 35
Music 35
Camera 36
Video 41
Gallery 42

Personal information 43
Contacts 43
Calendar 44
Memo 45

Connectivity 46
PC connections 46
Wi-Fi 47
Bluetooth 48
AllShare 49
GPS 50

Tools 51
eBook 51
ThinkFree Office 52
My files 52
Digital Frame 53
Alarm Clock 54
Calculator 55
Task Manager 55
World Clock 55
Voice Search 56

Settings 57
Access the Settings menu 57
Wireless and network 57
Sound settings 57
Display settings 58
Location and security 59
Applications 59
Accounts and sync 60
Privacy 60
SD card and device storage 60
Search 60
Locale and text 60
Voice input and output 61
Accessibility 62
Date and time 62
About device 62
Troubleshooting 63
Safety precautions 65
Index 70

Assembling

Unpack

Check your product box for the following items:

- Mobile device
- USB power adapter
- PC data cable
- Headset
- Quick start guide

Use only Samsung-approved software. Pirated or illegal software may cause damage or malfunctions that are not covered by your manufacturer's warranty.

- The items supplied with your device may vary depending on the software and accessories available in your region or offered by your service provider.
- You can obtain additional accessories from your local Samsung dealer.
- The supplied accessories perform best for your device.
- Accessories other than the supplied ones may not be compatible with your device.

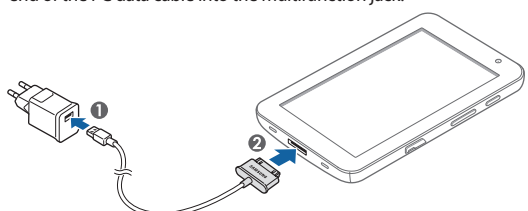
Charge the battery

Your device has a built-in battery. Before using the device for the first time, you must charge the battery.

Use only Samsung-approved chargers. Unauthorized chargers can cause batteries to explode or damage your device.

- Charge the battery only with the supplied charger. You cannot charge the battery with the PC data cable.
- When your battery is low, the device will emit a warning tone and display a low battery message. The battery icon will also be empty and turn red. If the battery level becomes too low, the device will automatically power off. Recharge your battery to continue using your device.
- The rechargeable battery incorporated in this product is not user replaceable. For information on its replacement, please contact your service provider.

1 Connect the PC data cable to the USB power adapter and then plug the end of the PC data cable into the multifunction jack.



Improperly connecting the travel adapter can cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

2 Plug the USB power adapter into a power outlet.

- You can use the device while it is charging, but it may take longer to fully charge the battery.
- While the device is charging, the touch screen and the touch keys may not function due to an unstable power supply. If this happens, unplug the USB power adapter from the power outlet or unplug the PC data cable from the device.
- While charging, the device may heat up. This is normal and should not affect your device's lifespan or performance.
- If your device is not charging properly, bring your device and the charger to a Samsung Service Center.

3 When the battery is fully charged (the battery icon is no longer moving), unplug the USB power adapter and PC data cable from the device and then from the power outlet.

To save energy, unplug the travel adapter when not in use. The travel adapter does not have a power switch, so you must unplug the travel adapter from the outlet to interrupt the power supply. The travel adapter should remain close to the socket when in use.

Insert a memory card (optional)

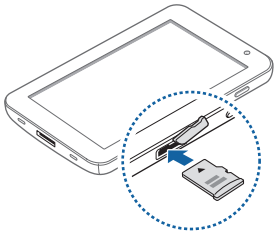
To store additional files, you must insert a memory card. Your device accepts microSD™ or microSDHC™ memory cards with maximum capacities of 32 GB (depending on memory card manufacturer and type).

Samsung uses approved industry standards for memory cards, but some brands may not be fully compatible with your device. Using an incompatible memory card may damage your device or the memory card and can corrupt data stored on the card.

- Your device supports only the FAT file structure for memory cards. If you insert a card formatted with a different file structure, your device will ask you to reformat the memory card.
- Frequent writing and erasing of data will shorten the lifespan of memory cards.
- When you insert a memory card in your device, the file directory of the memory card will appear in the external_sd folder under the internal memory.

1 Open the cover to the memory card slot.

2 Insert a memory card with the gold-colored contacts facing down.



3 Push the memory card in the memory card slot until it locks in place.

4 Close the memory card cover.

› Remove the memory card

Before removing a memory card, first unmount it for safe removal.

1 In Menu mode, select **Settings** → **SD card and device storage** → **Unmount SD card** → **OK**.

2 Open the memory card cover.

3 Push the memory card gently until it disengages from the device.

4 Pull the memory card out of the memory card slot.

Do not remove a memory card while the device is transferring or accessing information, as this could result in loss of data or damage to the memory card or device.

› Format the memory card

Formatting your memory card on a PC may cause incompatibilities with your device. Format the memory card only on the device.

In Menu mode, select **Settings** → **SD card and device storage** → **Unmount SD card** → **OK** → **Format SD card** → **Format SD card** → **Erase everything**.

Before formatting the memory card, remember to make backup copies of all important data stored on your device. The manufacturer's warranty does not cover loss of data resulting from user actions.

Getting started

Turn your device on and off

To turn on your device,

1. Press and hold [⏻].
2. If you turn on your device for the first time, follow the on-screen instructions to set up your device.

To turn off your device, press and hold [⏻] and then select **Power off** → **Yes**.

› Switch to Flight mode

In Flight mode, you can disable all wireless connections and use non-network services in areas where wireless devices are prohibited, such as airplains and hospitals.

To activate Flight mode, go to **Settings** → **Wireless and network** → **Flight mode**. You can also press and hold [⏻] and then select **Flight mode**.

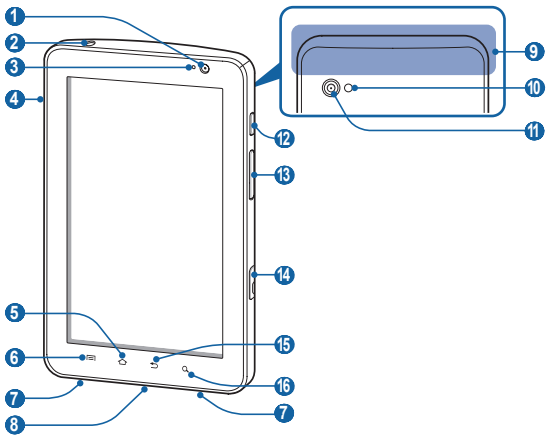
To deactivate Flight mode and use wireless connections, go to **Settings** → **Wireless and network** and clear the check box next to **Flight mode**.

› Switch to Silent mode

- Press and hold [⏻] and then select **Silent mode**.
- Open the shortcuts panel from the top of the screen and select **Silent**.

Get to know your device

› Device layout



Number	Function
❶	Front camera lens
❷	Headset jack
❸	Light sensor
❹	Mouthpiece
❺	Home key
❻	Menu key
❼	Speaker
❽	Multifunction jack
❾	Internal antenna
❿	Flashbulb
⓫	Rear camera lens
⓬	Power key
⓭	Volume key
⓮	Memory card slot
⓯	Back key
⓰	Search key

› Keys

Key		Function
	Power	Turn on the device (press and hold); Access the quick menus (press and hold); Lock the touch screen.
	Volume	Adjust the device's volume.
	Menu	Open a list of options available on the current screen.
	Home	Return to the home screen; Open the list of recent applications (press and hold).
	Back	Return to the previous screen.
	Search	Open the Google search application; Open the search input window while using some applications; Launch the voice command feature (press and hold).

Indicator icons

Icons shown on the display may vary depending on your region or service provider.

Icon	Definition
	WLAN activated
	Bluetooth activated
	Bluetooth headset connected
	Receiving GPS data
	Synchronized with the web
	Uploading data
	Downloading data
	Connected to PC
	New email message
	Alarm activated
	Event notification
	Silent mode activated
	Vibration mode activated in Silent mode

Icon	Definition
	Flight mode activated
	Music playback in progress
	Music playback paused
	Error occurred or caution required
[1]	Battery power level
	Unable to charge
10:00	Current time

1. If you use a charger that is not approved by Samsung, this indicator will not appear.

Use the touch screen

Your device's touch screen lets you easily select items or perform functions. Learn basic actions to use the touch screen.

- To avoid scratching the touch screen, do not use sharp tools.
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- Do not allow the touch screen to come into contact with water. The touch screen may malfunction in humid conditions or when exposed to water.

- For optimal use of the touch screen, remove the screen protection film before using your device.
- Your touch screen has a layer that detects small electrical charges emitted by the human body. For best performance, tap the touch screen with your fingertip. The touch screen will not react to touches of sharp tools, such as a stylus or pen.

You can control your touch screen with the following actions:

- Tap: Touch once with your finger to select or launch a menu, option, or application.
- Drag: Tap and drag your finger up, down, left, or right to move to items on lists.
- Tap and hold: Tap an item and hold it for more than 2 seconds to open a pop-up option list.
- Drag and drop: Tap and hold your finger on an item, and then drag your finger to move the item.
- Double-tap: Tap twice quickly with your finger to zoom in or out while viewing photos.

› Rotate the touch screen

Your device has a built-in motion sensor that detects its orientation. If you rotate the device, the interface will automatically rotate according to the orientation.

To set the interface to keep the orientation, open the shortcuts panel from the top of the screen and select **Orientation lock**.

› Lock or unlock the touch screen

When you do not use the device for a specified period, your device turns off the touch screen and automatically locks the touch screen to prevent any unwanted device operations. To manually lock the touch screen, press [⏻].

To unlock, turn on the screen by pressing [⏻], and drag 🔒 right until it reaches the dot. If you set a screen lock, you need to enter your PIN or password, or draw a pattern. ► p. 18

Get to know the home screen

When the device is in Idle mode, you will see the home screen. From the home screen, you can view your device's status and access Menu mode. Scroll left or right to a panel of the home screen.

The above screen may differ depending on your region or service provider.

Number	Function
1	Display indicator icons and your device's current status.
2	Search the web with the Google Search widget.
3	Launch applications with shortcuts.
4	Open the web browser.
5	Access Menu mode.
6	Select a dot at the top of the screen to move to the corresponding panel directly.
7	Launch the email application.

› Add items to the home screen

You can customize the home screen by adding shortcuts to applications or items in applications, widgets, or folders.

To add an item to the home screen,

1. In Idle mode, press [▤] → **Add**.
2. Select an item category.
   - **Widgets**: Add widgets. Widgets are small applications that provide convenient functions and information on your idle screen.

- **Shortcuts**: Add shortcuts to items, such as applications, bookmarks, and contacts.
- **Folders**: Create a new folder or add folders for your contacts.
- **Wallpapers**: Set a background image.

3 Select an item to add to the home screen.

› Move items on the home screen

1 Tap and hold an item to move until the item appears gray.

2 Drag the item to the location you want.

› Remove items from the home screen

1 Tap and hold an item to remove.
The trash bin appears at the bottom of the home screen.

2 Drag the item to the trash bin.

3 When the item and the trash bin turn red, release the item.

› Add a shortcut to an application

1 In Menu mode, tap and hold an application icon. The shortcut icon for the application is added to the home screen.

2 Move the icon to the location you want or move it to another panel of the home screen.

› Use the shortcuts panel

In Idle mode or while using an application, tap the indicator icons area and drag your finger down to open the shortcuts panel. To hide the list, drag the bottom of the list up.

You can view the device's current status and use the following options:

- **Wi-Fi**: Activate or deactivate the WLAN feature.
- **Bluetooth**: Activate or deactivate the Bluetooth feature.
- **GPS**: Activate or deactivate the GPS feature.
- **Silent**: Activate or deactivate Silent mode.
- **Orientation lock**: Activate or deactivate the rotation lock.

Available options may vary depending on your region or service provider.

Access applications

1 In Idle mode, select **Applications** to access Menu mode.

2 Scroll left or right to another menu screen.

3 Select an application.

4 Press [↩] to return to the previous screen; Press [⌂] to return to the home screen.

› Organize applications

You can reorganize the applications in the application list by changing their order.

1. In Menu mode, press [▤] → **Edit**.
2. Tap and hold an application.
3. Drag the application icon to the location you want.
4. Press [▤] → **Save**.

› Access recent applications

1. Press and hold [⌂] to open the list of applications you have accessed recently.
2. Select an application.

› Use the task manager

Your device is a multitasking device. It can run more than one application at the same time. However, multitasking may cause hang-ups, freezing, memory problems, or additional power consumption. To avoid these problems, end unnecessary programs using the task manager.

1. In Menu mode, select **Task Manager** → **Active applications**.
2. To close an application, select **End**.
   To close all active applications, select **End all**.

Customize your device

Get more from your device by customizing it to match your preferences.

› Change the language of the display

1. In Menu mode, select **Settings** → **Locale and text** → **Select locale**.
2. Select a language you want.

› Set the current time and date

1. In Menu mode, select **Settings** → **Date and time**.
2. Select your time zone, set the time and date, and change other options.

› Select a wallpaper for the home screen

1. In Idle mode, press [▤] → **Wallpaper**.
2. Select an image folder → an image.
3. Select **Save** or **Set wallpaper**.

Samsung is not responsible for any use of default images or wallpapers provided on your device.

Activate animation for switching windows

You can set a transition effect between windows while using the device.

1. In Menu mode, select **Settings** → **Display settings** → **Animation**.
2. Select an animation option.

Adjust the brightness of the display

1. In Menu mode, select **Settings** → **Display settings** → **Brightness**.
2. Clear the check box next to **Automatic brightness**.
3. Drag the slider to adjust the level of brightness.
4. Select **OK**.

The brightness level of the display will affect how quickly the device consumes battery power.

Set a screen lock

You can lock the touch screen with an unlock pattern or password to prevent unauthorized people from using the device without your permission.

- Once you set a screen lock, your device will require an unlock code each time you turn it on or unlock the touch screen.
- If you forget your PIN or password, bring your device to a Samsung Service Center to reset it.
- Samsung is not responsible for any loss of security codes or private information or other damages caused by illegal software.

Set an unlock pattern

1. In Menu mode, select **Settings** → **Location and security** → **Set screen lock** → **Pattern**.
2. See the on-screen instructions and example patterns and select **Next** (if necessary).
3. Draw a pattern by dragging your finger to connect at least 4 dots.
4. Select **Continue**.
5. Draw the pattern again to confirm.
6. Select **Confirm**.

Set an unlock PIN code

1. In Menu mode, select **Settings** → **Location and security** → **Set screen lock** → **PIN**.
2. Enter a new PIN (numeric) and select **Continue**.
3. Enter the PIN again and select **OK**.

Set an unlock password

1. In Menu mode, select **Settings** → **Location and security** → **Set screen lock** → **Password**.
2. Enter a new password (alphanumeric) and select **Continue**.
3. Enter the password again and select **OK**.

Enter text

You can enter text by selecting characters on the virtual keypad.

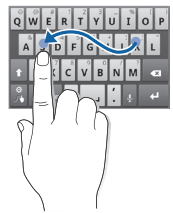
You cannot enter text in some languages. To enter text, you should change the writing language to one of the supported languages.
► p. 60

› Change the text input method

Tap and hold the text input field and select **Input method** → a text input method (Swype or Samsung keypad).

› Enter text using the Swype keyboard

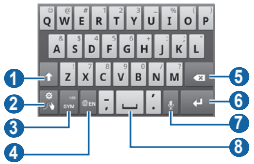
1. Select the first character of a word and drag your finger to the second character without releasing the finger from the screen.
2. Continue until you have finished the word.



3. Release the finger on the last character.
4. When the word displays correctly, select ␣ to insert a space. If the correct word does not display, select an alternative word from the list that appears.
5. Repeat steps 1-4 to complete your text.

- You can also tap the keys to enter text.
- You can tap and hold a key to enter characters on the upper half of the key. When you tap and hold a key until the character list appears, you can enter special characters, symbols, and numbers.

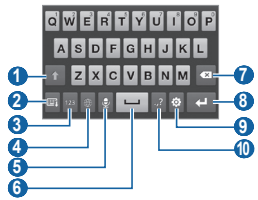
You can also use the following keys:



Number	Function
1	Change case.
2	Access the Swype tip screen; Change the text input method (tap and hold).
3	Switch between Symbol mode and ABC mode; Switch to Number mode (tap and hold).
4	Change the input language; Select an input language (tap and hold).
5	Delete characters.
6	Start a new line.
7	Enter text by voice. This feature may be unavailable depending on the selected input language.
8	Insert a space.

› Enter text using the Samsung keypad

Enter text by selecting alphanumeric keys and you can use the following keys:



Number	Function
1	Change case.
2	Hide the keypad.
3	Switch between Number/Symbol mode and ABC mode.
4	Change the input language; Select an input language (tap and hold); This icon is available only when you set more than 2 languages for text input. ► p. 61
5	Enter text by voice; This icon is available only when you activate the voice input feature for the Samsung keypad. ► p. 61 This feature may be unavailable depending on the selected input language.

Number	Function
❻	Insert a space; Insert a period (double-tap).
❼	Clear your input.
❽	Start a new line.
❾	Access the keypad settings; Change the text input method (tap and hold).
❿	Enter frequently used symbols.

› Copy and paste text

While you are entering text, you can use the copy and paste feature to use text in other applications.

1. Place the cursor where you want to start.
2. Tap and hold the text input field.
3. Select **Select text** from the option list.
4. Tap on the place where you want to end.
5. Tap and hold the highlighted text.
6. Select **Copy** to copy, or **Cut** to cut the text onto the clipboard.
7. In another application, tap and hold the text input field.
8. Select **Paste** to insert the text from the clipboard into the text field.

Web

Web services require a data connection. Contact your operator to choose the best data plan.

Browser

Learn to access and bookmark your favorite web pages.

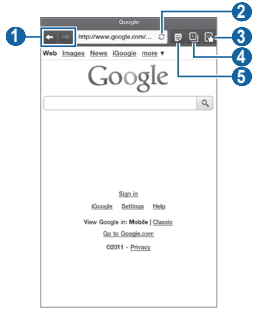
- The web browser menu may be labeled differently depending on your service provider.
- Available icons may vary depending on your region or service provider.

› Browse web pages

1 In Menu mode, select **Browser** to launch your homepage.

To access a specific web page, select the URL input field, enter the web address of the web page, and select →.

2 Navigate web pages with the following keys:



The above screen may differ depending on your region or service provider.

Number	Function
1	Move backward or forward to web pages in history; View the recent internet history (tap and hold).
2	Reload the current web page; While the device is loading web pages, this icon changes to ✕.

Number	Function
❸	Open a list of saved bookmarks, frequently visited pages, and recent internet history.
❹	Open a new window or switch between the currently open windows.
❺	Create a memo.

While browsing the web page, use the following options:

- To bookmark the current web page, press [▭] → **Add bookmark**.
- To search for text on the web page, press [▭] → **Find on page**.
- To view the items downloaded from the web, press [▭] → **Download manager**.
- To adjust the brightness of the screen, press [▭] → **Brightness**.
- To customize browser settings, press [▭] → **Settings**.
- To print the current web page or screen via a connected printer, press [▭] → **More** → **Print**. Your device is compatible only with Samsung printers.
- To send the web address of the web page to others, press [▭] → **More** → **Share page**.
- To view page details, press [▭] → **More** → **Page info**.

› Search for information by voice

This feature may be unavailable depending on your region or service provider.

1. In Menu mode, select **Browser**.
2. Select the URL input field.
3. Select and say a keyword into your device's microphone.
   The device searches for information and web pages related with the keyword.

› Open multiple pages

You can open multiple pages and switch back and forth between them.

1. In Menu mode, select **Browser**.
2. Select .

The number displayed on the icon means the currently open windows. You can have up to 6 windows.

3. Select to open a new window.
4. Access another web page on the new window.
5. To switch back and forth between currently open windows, select and select a web page to retrieve.

› Bookmark your favorite web pages

If you know the web address of the web page, you can manually add a bookmark.

Add a bookmark

1. In Menu mode, select **Browser**.
2. Press [▭] → **Add bookmark**.
3. Enter a page title and a web address.
   To bookmark the web page you were viewing, skip to step 5.
4. Select the **Default** drop-down menu and select a bookmark folder (if necessary).
5. Select **OK**.

To use bookmark options, select → **Bookmarks**, and tap and hold a bookmark:

- To open the web page in the current window, select **Open**.
- To open the web page in a new window, select **Open in new window**.
- To add the bookmark shortcut to the home screen, select **Add shortcut to Home**.
- To send the web address of the web page to others, select **Share link**.
- To copy the web address of the web page, select **Copy link URL**.
- To use the web page as your homepage of the browser, select **Set as homepage**.
- To delete the bookmark, select **Delete bookmark**.

Edit bookmarks

To create a new bookmark folder,

1. In Menu mode, select **Browser**.
2. Select → **Bookmarks** → **Edit** → **New folder**.
3. Enter a name for the bookmark folder and select **OK**.

To delete bookmark folders or bookmarked web pages,

1. In Menu mode, select **Browser**.
2. Select → **Bookmarks** → **Edit** → **Delete**.
3. Select bookmark folders or bookmarked web pages, and select **Delete** → **Delete**.

› Add an RSS feed address

1. In Menu mode, select **Browser**.
2. Move to a web page that has an RSS feed.
3. Select in the URL input field.
4. Select an RSS feed to add.
5. Subscribe to the RSS feed.
   When the subscribed feed is updated, you are notified of the update.

› Access frequently visited pages or recent history

1. In Menu mode, select **Browser**.
2. Select → **Most visited** or **History**.
3. Select a web page to access.

Readers Hub

Learn to use the integrated readers hub for accessing various reading materials.

Some features may be currently unavailable.

1. In Menu mode, select **Readers Hub**.
2. If you are launching this application for the first time, read the disclaimer information and select **Accept**.
3. Select an image of reading material.
4. Search for and download reading material from the online store.

News & Weather

Learn to view the weather information and read top news and other news articles.

› View the weather information

1. In Menu mode, select **News & Weather**.
2. Select **Weather** at the top of the screen.

   Your device searches for your current location and displays the weather information.

You can change the location to view the weather information in another region. Press [▭] → **Settings** → **Weather settings** and clear the check box next to **Use my location**. Then select a location in **Set location**.

› Read news articles

1. In Menu mode, select **News & Weather**.
2. Select a news topic at the top of the screen.
3. Select an article to open.

To add news topics, press [▭] → **Settings** → **News settings** → **Select news topics**.

Samsung Apps

Samsung Apps allows you to simply and easily download an abundance of applications directly to your device. Featuring a wealth of games, news, reference, social networking, navigation, health related applications and more, Samsung Apps gives you instant access to a huge choice of mobile experience.

Your device gets smarter with fully optimized applications from Samsung Apps. Explore amazing applications and make your mobile life even better.

- The feature may be unavailable depending on your region or service provider.
- For details, please visit www.samsungapps.com.

1 In Menu mode, select **Samsung Apps**.

2 Search for and download applications as desired.

Market

Based on the Android platform, your device's functionality can be extended by installing additional applications. Android Market provides you an easy and quick way to shop for games and mobile applications.

- This feature may be unavailable depending on your region or service provider.
- Your device will save user files from downloaded applications to the internal memory.

› Download and install an application

1 In Menu mode, select **Market**.

2 If you are launching this application for the first time, read the terms and conditions and select **Accept**.

3 Select an item category → an item.

4 Select **Install** (for free items) or **Buy**.
If you select **Install**, select **OK** to download the item immediately.
If you select **Buy**, you need to enter your credit card information. Follow the on-screen instructions.

› Uninstall an application

1 In Menu mode, select **Market**.

2 Press [ ] → **Downloads**.

3 Select the item you want to delete.

4 Select **Uninstall** → **OK**.

YouTube

YouTube is a free online video streaming service. Learn to view and upload videos via YouTube.

This feature may be unavailable depending on your region or service provider.

› Watch videos

1 In Menu mode, select **YouTube**.

2 Select a video from the list.

3 Rotate the device counterclockwise to landscape view.

4 Control playback with the following keys:

Number	Function
1	Move to a point of the file by dragging the bar.
2	Change the quality of the display.

› Upload videos

1 In Menu mode, select **YouTube**.

2 Press [▭] → **Upload** and select a video. Skip to 8.
If you want to upload new videos, select to turn on the camera.

3 Rotate the device counterclockwise to landscape view.

4 Aim the lens at the subject and make any adjustments.

5 Select to start recording.

6 Select to stop recording.

7 Select **Save** to upload the video that you have recorded.

8 Enter your user name and password and select **Sign in** (if necessary).

9 Enter details of the upload and select **Upload**.

Daily Briefing

Learn to get weather forecast, stock information, news, and schedules for today.

› Customize daily briefing settings

1 In Menu mode, select **Daily Briefing**.

2 Press [▭] → **Settings** → a briefing service.

3 Adjust the following settings to customize the daily briefing screens:

Option	Function
Select city	Add cities for weather forecast.
Select stock	Add companies for stock information.
Auto refresh	Set the daily briefing screens to be automatically updated with latest information.
Widget auto scroll	Set the daily briefing widget to automatically show more information.
Unit	Select a temperature unit to use for weather forecast.

› View daily briefing

1. In Menu mode, select **Daily Briefing**.
2. Select [ ] to refresh the information.
3. Scroll left or right to view information.

Maps

Learn to use Google Maps™ to find your location, search the map for streets, cities, or countries, and get directions.

Before using location services, ensure that the wireless connection is active.

› Search for a specific location

1. In Menu mode, select **Maps**.
   The map will display your current location.
2. Press [ ] → **Search**.
3. Enter a keyword for the location and select [ ].
   - To zoom in or out, select [ ] or [ ].
   - To search for a place around you, select [ ].
   - To add layers to the map, select [ ].
   - To view your current location, select [ ].

To add a star to the location, select the balloon of the location name → [ ].

› Get directions to a specific destination

1. In Menu mode, select **Maps**.
2. Press [ ] → **Directions**.
3. Enter the addresses of the starting location and the ending location.
   To enter an address from your contact list or point the location on the map, select [ ] → **Contacts** or **Point on map**.
4. Select a travel method (car, bus, or walk) and select **Go**.
5. Select a travel route to view details of your trip (if necessary).
6. Select **Show on map**.
7. When you are finished, press [ ] → **Clear Map**.

Latitude

Learn to share your location with your friends and view friends' locations via Google Latitude™.

- This feature may be unavailable depending on your region or service provider.
- Before using location services, ensure that the wireless connection is active.

1. In Menu mode, select **Latitude**.
   The device automatically joins Latitude.

2 Press [▭] → **Add friends** → **Select from Contacts** or **Add via email address**.

3 Select friends you want to add or enter an email address, and select **Add friends** → **Yes**.

When your friend accepts your invitation, you can share locations.

4 Press [▭] → **See map**.

Your friends' locations are marked with their photos on the map.

Places

- This feature may be unavailable depending on your region or service provider.
- Before using location services, ensure that the wireless connection is active.

1 In Menu mode, select **Places**.

2 Select a category.

Your device searches for places around your current location that are related to the category.

3 Select a place name to view its details.

4 To view the place on the map, select .

To view the route to the place, select .

Navigation

Learn to use the GPS navigation system to find and show your destination with voice guidance.

- This feature may be unavailable depending on your region or service provider.
- Before using location services, ensure that the wireless connection is active.

1 In Menu mode, select **Navigation**.

2 Enter your destination by using one of the following methods:

- **Speak Destination**: Speak your destination such as "Navigate to *destination*."
- **Type Destination**: Enter your destination with the virtual keypad.
- **Contacts**: Select your destination from addresses of your contacts.
- **Starred Places**: Select your destination from the list of your starred places.

3 Select **Install** to use voice-guided navigation.

4 To end the navigation, press [▭] → **Exit Navigation**.

Google Search

You can search for applications in your device and specific data on the web.

1. In Menu mode, select **Google Search**.
2. Enter a letter or a word of the data to search.
3. Select the item's name you want to access.

Communication

Qik Video

You can make live video calls and share your videos with others online or by video mail. You can also save videos to show them to your friends and family later.

You cannot make a call when a Bluetooth headset is connected.

1. In Menu mode, select **Qik Video** → **Log in**.
2. Enter your user name and password and select **Log in**.
3. Make a video call or share your videos.

Google Mail

You can retrieve new email messages from Google Mail™ to your Inbox. When you access this application, the Inbox screen appears. The total number of unread messages displays in the title bar and unread messages display in bold. If you have labeled a message, its label appears in a colored rectangle on the message.

- This feature may be unavailable depending on your region or service provider.
- This Google Mail menu may be labeled differently depending on your service provider.

› Send an email message

1. In Menu mode, select **Google Mail**.
2. Press [▭] → **Compose**.
3. Enter a name or address in the recipient field.
4. Enter a subject and message.
5. To attach an image file, press [▭] → **Attach** → a file.
6. Select to send the message.

› View an email message

1. In Menu mode, select **Google Mail**.
2. Select an email message.

From the message view, use the following options:

- To reply to the message, select .
- To reply to the message including all recipients, select → **Reply all**.
- To forward the message to other people, select → **Forward**.
- To add a star to the message, select .
- To view an attachment, select **Preview**. To save it to your device, select **Download**.
- To archive the message, select **Archive**.
- To delete the message, select **Delete**.
- To move to the previous or next message, select or .

› Organize email by labels

You can organize your email by labeling your messages or adding stars to mark important messages. You can sort messages by label filter.

Add a label to a message

1. From the Inbox screen, tap and hold a message.
2. Select **Change labels**.
3. Select a label to add and select **OK**.

Add a star to a message

1. From the Inbox screen, tap and hold a message.
2. Select **Add star**. The star icon next to the message is activated.

Filter messages

1. From the Inbox screen, press [▭] → **Go to labels**.
2. Select the label of the messages you want to view.

Email

Learn to send or view email messages via your personal or company email account.

› Set up an email account

1. In Menu mode, select **Email**.
2. Enter your email address and password.
3. Select **Next** (for general email accounts) or **Manual setup** (for other company email accounts).
4. Follow the on-screen instructions.
5. To add more email accounts, press [▭] → **Account manager** → **Add account** and repeat steps 2-4 above.

When you are finished setting up the email account, the email messages are downloaded to your device. If you have created more than two accounts, you can switch between email accounts; Select an account name at the top left of the screen and select one you want to retrieve messages from.

› Send an email message

1. In Menu mode, select **Email** → an email account.
2. Select .
3. Add recipients of your message.
   - Enter email addresses manually, separating them with a semicolon or a comma.
   - Select email addresses from the lists by selecting .

4 Select the Cc/Bcc field and add more recipients.

5 Select the subject field and enter a subject.

6 Select the text input field and enter your email text.

7 Select **Attach** and attach a file.
You can attach media files, contacts, or location information.

8 Select **Send** to send the message.

If you are offline or outside your service area, the message will be held in the outbox until you are online and in your service area.

› View an email message

When you open an email account, you can view previously retrieved emails offline or connect to the email server to view new messages. After retrieving email messages, you can view them offline.

1 In Menu mode, select **Email** → an email account.

2 Select to update the message list.

3 Select an email message.

From the message view, use the following options:

- To move to the previous or next message, select or .
- To move the message to another folder, select .
- To delete the message, select .
- To reply to the message, select → **Reply**.
- To forward the message to other people, select → **Forward**.
- To create a new message, select .
- To view an attachment, tap the attachment area. To save it to your device, select .
- To print the message via a connected printer, press [ ] → **Print**. Your device is compatible only with Samsung printers.

Talk

Learn to chat with friends and family via Google Talk™.

This feature may be unavailable depending on your region or service provider.

› Add friends to your friend list

1 In Menu mode, select **Talk**.
The friend list shows all of your Google Talk contacts at a glance.

2 Press [ ] → **Add friend**.

3 Enter an email address of the friend and select **Send invitation**.

When your friend accepts the invitation, the friend is added to your friend list.

› Start a chat

1. In Menu mode, select **Talk**.
2. Select a friend from the friend list. The chat screen opens.
3. Enter your message and select **Send**.
   To insert emoticons, press [▭] → **More** → **Insert smiley**.
4. To switch between active chats, press [▭] → **Switch chats**.
5. To end the chat, press [▭] → **End chat**.

Social Hub

Learn to access Social Hub™, the integrated communication application for email, instant messages, contacts or calendar information.
Visit socialhub.samsungmobile.com for more details.

1. In Menu mode, select **Social Hub**.
2. Check and use contents delivered from Social Hub.

Entertainment

Music

Learn to listen to your favorite music while on the go with the music player.

› Add music files to your device

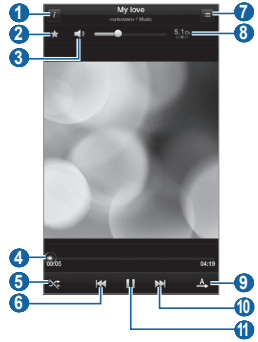
Start by transferring files to your device or memory card:

- Download from the wireless web. ► p. 22
- Download from a PC with the optional Samsung Kies. ► p. 46
- Receive via Bluetooth. ► p. 49
- Copy to your memory card. ► p. 46
- Synchronize with Windows Media Player 11. ► p. 46

› Play music

After transferring music files to your device or memory card,

1. In Menu mode, select **Music**.
2. Select a music category.
3. Select a music file.
4. Control playback with the following keys:



Number	Function
❶	View file details.
❷	Set the file as your favorite track.
❸	Adjust the volume.
❹	Move to a point of the file by dragging or tapping the bar.
❺	Activate Shuffle mode.
❻	Skip backward; Scan backward in a file (tap and hold).

Number	Function
⑦	Open the playlist.
⑧	Activate the 5.1 channel surround sound system.
⑨	Change the repeat mode (off, repeating one file, or repeating all files).
⑩	Skip forward; Scan forward in a file (tap and hold).
⑪	Pause playback; Select ▶ to resume playback.

- SRS CS Headphone™ delivers a 5.1 surround sound experience over standard headphones or earbuds when listening to multichannel content, such as DVD movies.
- WOW HD™ significantly improves the playback quality of audio, delivering a dynamic 3D entertainment experience with deep, rich bass and high frequency clarity for crisp detail.

› Create a playlist

1. In Menu mode, select **Music** → **Playlists**.
2. Press [▭] → **New playlist**.
3. Enter a title for your new playlist and select **Done**.
4. Select the files you want to include and select **Add**.

During playback, you can add files to a playlist by pressing [▭] → **Add to playlist**.

› Customize music player settings

1. In Menu mode, select **Music**.
2. Press [▭] → **Settings**.
3. Adjust the following settings to customize your music player:

Option	Function
Equaliser	Select a default equaliser type.
Effect	Select a sound effect.
Music menu	Select music categories to display on the music library screen.

Camera

Learn how to capture and view photos and videos. You can take photos at resolutions up to 2048 x 1536 pixels (3.2 megapixels) and videos at resolutions of 720 x 480 pixels.

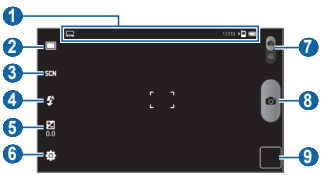
- The camera interface appears only in the landscape orientation.
- The camera automatically turns off when you do not use it for a specified period.
- The memory capacity may differ depending on the shooting scene or shooting conditions.

Capture a photo

1 In Menu mode, select **Camera** to turn on the camera.

2 Rotate the device counterclockwise to landscape view.

3 Aim the lens at the subject and make any necessary adjustments.



Number	Function
❶	Check the camera status and settings. • : Resolution • 17115: Number of photos you can take (according to available memory) • : Default storage location
❷	Change the shooting mode.
❸	Change the scene mode.
❹	Change the flash setting; You can manually turn the flash on or off, or set the camera to automatically use the flash when needed.
❺	Adjust the exposure value.
❻	Change the camera settings.
❼	Switch to the camcorder.
❽	Capture a photo.
❾	Open the image viewer to view photos you captured.

4 Select to take a photo.
The photo is saved automatically.

After taking photos, select the image viewer icon to view the captured photos.

- To view more photos, scroll left or right.
- To zoom in or out, place two fingers on the screen and spread them apart (move your fingers closer together to zoom out) or double-tap the screen.
- To send a photo to others, press [ ] → **Share**.
- To set a photo as wallpaper or an ID image for a contact, press [ ] → **Set as**.
- To delete a photo, press [ ] → **Delete**.

› Capture a photo by using preset options for various scenes

Your camera provides you with predefined settings for various scenes. You can simply select the proper mode for your shooting condition and subjects. For example, when you take photos at night, select the night mode that uses an extended exposure.

1. In Menu mode, select **Camera** to turn on the camera.
2. Rotate the device counterclockwise to landscape view.
3. Select SCN → a scene.
4. Make any necessary adjustments.
5. Select to take a photo.

› Capture a panoramic photo

You can take wide panoramic photos using Panorama shooting mode. This mode is convenient for photographing landscapes.

1. In Menu mode, select **Camera** to turn on the camera.
2. Rotate the device counterclockwise to landscape view.
3. Select → **Panorama**.
4. Make any necessary adjustments.
5. Select to take the first photo.
6. Slowly move the device in any direction and align the green frame with the viewfinder.

   When you have aligned the green frame and viewfinder, the camera will automatically take the next photo.
7. Repeat step 6 to complete the panoramic photo.

› Capture a photo in Smile shot mode

Your camera can recognize people's faces and help you take photos of their smiling faces.

1. In Menu mode, select **Camera** to turn on the camera.
2. Rotate the device counterclockwise to landscape view.
3. Select → **Smile shot**.
4. Make any necessary adjustments.
5. Aim the camera lens at your subject.
6. Select .

   Your device recognizes people in an image and detects their smiles. When the subject smiles, the device automatically takes a photo.

Capture a photo in Self shot mode

You can take photos of yourself conveniently using the front camera lens.

1. In Menu mode, select **Camera** to turn on the camera.
2. Rotate the device counterclockwise to landscape view.
3. Select → **Self-shot**.
4. Make any necessary adjustments.
5. Select to take a photo.

Customize camera settings

Before taking a photo, select → **Image** to access the following options:

Option	Function
Resolutions	Change the resolution option.
White balance	Adjust the color balance according to lighting conditions.
Effects	Apply a special effect.
ISO	Adjust the sensitivity of the camera imaging sensor.
Image quality	Set the quality level for your photos.

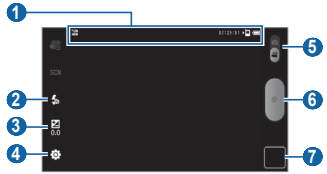
Before taking a photo, select → **Setup** to access the following settings:

Setting	Function
Review	Set the camera to display the taken image.
GPS	Set the camera to include location information for your photos. To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
Shutter sound	Set the camera shutter to make a sound when capturing a photo.
Storage	Select a memory location for storing captured photos.
Reset	Reset camera settings.

Record a video

1. In Menu mode, select **Camera** to turn on the camera.
2. Rotate the device counterclockwise to landscape view.
3. Slide down to switch to the camcorder.

4 Aim the lens at the subject and make any necessary adjustments.



Number	Function
1	Check the camcorder status and settings. • 720 : Resolution • 07:29:51 : Length of video that can be recorded (according to available memory) • : Default storage location
2	Change the flash setting.
3	Adjust the exposure value.
4	Change the camcorder settings.
5	Switch to the camera.
6	Record a video.
7	Open the image viewer to view videos you recorded.

5 Select ● to start recording.

6 Select ■ to stop recording.
The video is saved automatically.

The camera may not be able to properly record videos to a memory card with a slow transfer speed.

After recording videos, select the image viewer icon to view the recorded videos.

- To view more videos, scroll left or right.
- To play a video, press [ ] → **Play**.
- To send a video to others, press [ ] → **Share**.
- To delete a video, press [ ] → **Delete**.

› Customize camcorder settings

Before recording a video, select → **Video** to access the following options:

Option	Function
White balance	Adjust the color balance according to lighting conditions.
Effects	Apply a special effect.
Video quality	Set the quality level for your videos.

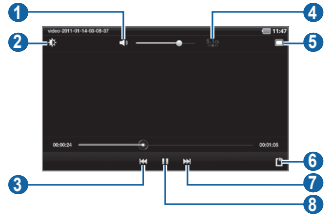
Before recording a video, select → **Setup** to access the following settings:

Setting	Function
Audio recording	Set whether or not to record audio.
Review	Set the camera to display the recorded video.
Shutter sound	Set the camera shutter to make a sound when recording a video.
Storage	Select a memory location for storing recorded videos.
Reset	Reset camcorder settings.

Video

Learn to use the video player to play various kinds of videos.

1. In Menu mode, select **Video**.
2. Select a category at the top of the screen.
3. Select a video to play.
4. Rotate the device counterclockwise to landscape view.
5. Control playback with the following keys:



Number	Function
1	Adjust the volume.
2	Adjust the display brightness.
3	Move to the previous file.
4	Activate the 5.1 channel surround sound system.
5	Change a ratio of the video screen.
6	Add bookmarks at the point you want.
7	Move to the next file.
8	Pause playback; Select ▶ to resume playback.

Gallery

Learn to view photos and play videos saved in your device's memory and memory card.

› View a photo

1. In Menu mode, select **Gallery**.
2. Select a folder.
3. To change the view mode, select or at the top right of the screen.
4. Select a photo (with no icon) to view.

You can print photos via a connected printer by pressing [▭] → **More** → **Print**. Your device is compatible only with Samsung printers. File formats for printing may vary depending on printers.

› Play a video

1. In Menu mode, select **Gallery**.
2. Select a folder.
3. To change the view mode, select or at the top right of the screen.
4. Select a video (with the icon) to play.
5. Rotate the device counterclockwise to landscape view.
6. Control playback with the virtual keys. ► p. 41

Personal information

Contacts

Learn to create and manage a list of your personal or business contacts. You can save names, phone numbers, email addresses, birthdays and more for your contacts.

› Create a contact

1. In Menu mode, select **Contacts**.
2. Select [+].
3. Select a memory location.
   If you have more than one account, select an account to which you want to add the contact.
4. Enter contact information.
5. Select **Done** to add the contact to memory.

› Find a contact

1. In Menu mode, select **Contacts**.
2. Select the search field and enter the first letters of the name you want.
3. Select the contact's name from the contact list.

Once you find a contact, you can use the following options:

- To send an email message, select an email address.
- To edit the contact information, select **Edit**.
- To delete the contact, select **Delete**.

› Create your namecard

1. In Menu mode, select **Contacts**.
2. Press [▭] → **More** → **My profile**.
3. Enter your own personal details.
4. Select **Done**.

› Create a group of contacts

By creating groups of contacts, you can manage multiple contacts and send email to an entire group. Start by creating a group:

1. In Menu mode, select **Contacts** → **Groups**.
2. Select [+].
3. Enter a name for the group.
4. Select **Done**.

To add or edit members, press [▭] → **Edit group members**.

Calendar

Learn to create and manage daily, weekly or monthly events, and set alarms to remind yourself of important events.

› Change the calendar view

1. In Menu mode, select **Calendar**.
2. Select a view mode from the top of the calendar.
   - **Day**: Hourly blocks for one full day
   - **Week**: A list of scheduled appointments for the days in one full week
   - **Month**: Daily blocks for the current month
   - **List**: A list of all scheduled appointments

› Create an event

1. In Menu mode, select **Calendar**.
2. Select .
3. Enter the details of the event as required.
4. Select **Done**.

› View events

To view today's schedule,

1. In Menu mode, select **Calendar**.
2. Select **Today**.
3. Select an event to view its details.

To view events of a specific date,

1. In Menu mode, select **Calendar**.
2. Select a date on the calendar.
   To move to a specific day by entering a date manually, press [▤] → **Go to**, enter the date by selecting **+** or **-**, and select **Set**.
3. Select an event to view its details.

You can send the event to others by selecting **Send via** → an option.

› Stop an event alarm

If you set an alarm for a calendar event, the alarm will sound at the specified time. To snooze or dismiss the reminder, select **Snooze all** or **Dismiss all**.

Memo

Learn to record important information to save and view at a later date.

› Create a memo

1. In Menu mode, select **Memo**.
2. Select .
3. Enter your memo text.
4. Select **Done**.

› View memos

1. In Menu mode, select **Memo**.
2. Select a memo to view its details.

- You can send the memo to others by pressing [▭] → **Send via** → an option.
- You can print the memo via a connected printer by pressing [▭] → **Print**. Your device is compatible only with Samsung printers.

Connectivity

PC connections

Learn to connect your device to a PC with the supplied PC data cable in various USB connection modes. By connecting the device to a PC, you can synchronize files with Windows Media Player, transfer data to and from your device directly, and use the Samsung Kies program.

› Connect with Samsung Kies

Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website (www.samsungmobile.com).

1. In Menu mode, select **Settings** → **Wireless and network** → **USB settings** → **Samsung Kies**.
2. Press [⌂] to return to Idle mode.
3. Using the PC data cable, connect the multifunction jack on your device to a PC.
4. Run Samsung Kies and use wireless connections or copy data and files.
   Refer to the Samsung Kies help for more information.

› Synchronize with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1. In Menu mode, select **Settings** → **Wireless and network** → **USB settings** → **Media player**.
2. Press [⌂] to return to Idle mode.
3. Using the PC data cable, connect the multifunction jack on your device to a PC with Windows Media Player installed.
   When connected, a pop-up window will appear on the PC.
4. Open Windows Media Player to synchronize music files.
5. Edit or enter your device's name in the pop-up window (if necessary).
6. Select and drag the music files you want to the sync list.
7. Start synchronization.

› Connect as a mass storage device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the file directory of the memory card by using the device as a memory card reader.

The file directory of the memory card will appear as a removable disk, separate from the internal memory.

1. If you want to transfer files from or to a memory card, insert a memory card into the device.
2. In Menu mode, select **Settings** → **Wireless and network** → **USB settings** → **Mass storage**.
3. Press [⌂] to return to Idle mode.
4. Using the PC data cable, connect the multifunction jack on your device to a PC.
5. When connected, select **Mount**.
6. Open the folder to view files.
7. Copy files from the PC to the memory card.
8. When you are finished, select **Turn Off**.

To disconnect the device from the PC, click the USB device icon on the Windows task bar and click the option to safely remove the mass storage device. Then remove the PC data cable from the PC. Otherwise, you may lose data stored on the memory card or damage the memory card.

Wi-Fi

Learn to use your device's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 a/b/g/n standards.

You can connect to the internet or other network devices anywhere an access point or wireless hotspot is available.

Your device uses non-harmonized frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors in France.

› Activate the WLAN feature

1. In Menu mode, select **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Select **Wi-Fi** to activate the WLAN feature.

An active WLAN running in the background will consume battery power. To preserve battery power, activate the WLAN only when needed.

› Find and connect to a WLAN

1. In Menu mode, select **Settings** → **Wireless and network** → **Wi-Fi settings**.

   The device will automatically search for available WLANs.
2. Select a network under **Wi-Fi networks**.
3. Enter a password for the network (if necessary).
4. Select **Connect**.

› Add a WLAN manually

1. In Menu mode, select **Settings** → **Wireless and network** → **Wi-Fi settings** → **Add Wi-Fi network**.
2. Enter the SSID for the network and select the security type.
3. Set the security settings depending on the selected security type.
4. Select **Save**.

› Connect to a WLAN using a Wi-Fi Protected Setup (WPS)

You can connect to a secured network by using a WPS button or WPS PIN. To connect to a WLAN with a WPS button,

1. In Menu mode, select **Settings** → **Wireless and network** → **Wi-Fi settings** → **WPS button connection**.
2. Press a WPS button on the access point within 2 minutes.

To connect to a WLAN with a WPS PIN,

1. In Menu mode, select **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Select a network indicated by the WPS icon and select **WPS PIN**.
3. On the access point, enter the PIN and press the start button.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 10 m without requiring a physical connection.

You do not need to line up the devices to beam information with Bluetooth. If the devices are within range of one another, you can exchange information between them even if they are located in different rooms.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth wireless feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by Bluetooth SIG, may be incompatible with your device.

› Turn on the Bluetooth wireless feature

1. In Menu mode, select **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Select **Bluetooth** to turn on the Bluetooth wireless feature.

› Find and pair with other Bluetooth-enabled devices

1. In Menu mode, select **Settings** → **Wireless and network** → **Bluetooth settings** → **Scan devices**.
2. Select a device.

3 Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and select **OK**. Alternatively, select **Accept** to match the PIN between your device and the device.

When the owner of the other device enters the same PIN or accepts the connection, pairing is complete. If the pairing is successful, the device will automatically search for available services.

Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth PIN, such as 0000. If the other device has a PIN, you must enter it.

› Send data using the Bluetooth wireless feature

1 Select a file or item, such as a contact, calendar event, memo, or media file, from an appropriate application or **My files**.

2 Press [▭] → **Share** or **Send via** → **Bluetooth**.

3 Search for and paired with a Bluetooth-enabled device.

› Receive data using the Bluetooth wireless feature

1 In Menu mode, select **Settings** → **Wireless and network** → **Bluetooth settings** → **Visible**.

Your device is visible to other Bluetooth devices for 120 seconds.

2 When prompted, enter the PIN for the Bluetooth wireless feature and select **OK** (if necessary).

3 Select **Accept** to confirm that you are willing to receive data from the device (if necessary).

Received data is saved to the bluetooth folder.

AllShare

Learn to use the Digital Living Network Alliance (DLNA) service that enables you to share media files between DLNA-enabled devices in your home over a WLAN.

You must first activate the WLAN feature and add a WLAN profile. ► p. 47

› Customize DLNA settings for sharing media files

To allow other DLNA-enabled devices to access media files on your device, you must activate media sharing.

Some files may not play on the DLNA-enabled devices depending on the devices.

1 In Menu mode, select **AllShare**.

2 Press [▭] → **Settings**.

3 Adjust the following settings to customize the DLNA feature:

Option	Function
Media server name	Enter a name for your device as a media server.
Share media	Turn on video sharing, image sharing, or music sharing with other DLNA-enabled devices.
Access point network	Select a connection profile to use for DLNA connections.

Option	Function
Upload from other devices	Set whether or not to accept uploads from other devices.
Default memory	Select a memory location for saving downloaded media files.

› Play files on another DLNA-enabled device

1. In Menu mode, select **AllShare**.
   Your device automatically searches for DLNA-enabled devices.
2. Select a device as the media server—the one that contains media files—under **Server**.
3. Select a player—the one that will play the media file—under **Display device**.
4. Select **Next**.
5. Select a media category → a file.
6. Control playback using icons of your device.

Playback may be buffered depending on the network connection and the connected server.

GPS

Your device is equipped with a global positioning system (GPS) receiver. Learn to activate location services.

To receive better GPS signals, avoid using your device in the following conditions:

- between buildings, in tunnels or underground passages, or inside buildings
- in poor weather
- around high voltage or electromagnetic fields

Do not touch the internal antenna area or cover this area with your hands or other objects while using the GPS functions.

This feature may be unavailable depending on your region or service provider.

› Activate location services

You must activate location services to receive location information and search the map.

1. In Menu mode, select **Settings** → **Location and security**.
2. Adjust the following settings to activate location services:

Option	Function
Use wireless networks	Set to use WLAN for finding your location.
Use GPS satellites	Set to use the GPS satellite for finding your location.

Tools

eBook

Learn to open and read book files.

› Read books

1. In Menu mode, select **eBook**.
2. Select a book from the bookshelf.
3. While reading a book, use the following options:
   - To move pages, drag your finger left or right or tap near the left or right margin of a page.
   - To view the table of contents, bookmarks, or highlights, select .
   - To customize the settings for fonts and brightness, select .
   - To view book details, select .
   - To bookmark the current page, select .
   - To highlight a text, tap and hold a word and select **Highlight** from the pop-up window.

› Look up a word in the dictionary

1. In Menu mode, select **eBook**.
2. Open a book.
3. Tap and hold a word, and release your finger from the screen when the magnifying glass appears.
4. Select **Dictionary** from the pop-up window.

› Import book files

You can import book files (in epub format) from a memory card.

- Book files must be saved in your memory card.
- DRM-protected book files are not supported.

1. In Menu mode, select **eBook**.
2. Press [ ] → **Import**.
3. Select book files to import and select **OK**.

ThinkFree Office

Learn to create and view document files on your device. If you have an account with the ThinkFree web service, you can manage documents online. This application supports the following file formats: txt, doc, docx, xls, xlsx, ppt, pptx, pdf.

› Create a new document

1. In Menu mode, select **ThinkFree Office**.
2. If you are launching this application for the first time, read the end user license agreement and select **Accept**.
3. Select **Activate now** → **Close** to activate ThinkFree Office.
4. Select **My Docs**.
5. Press [▭] → **New** → a document type.
6. Enter a name for the document and select **OK**.
7. Enter contents in the document by using the tools at the top right of the screen.
8. When you are finished, select on the toolbar.

› View and edit a document on your device

1. In Menu mode, select **ThinkFree Office**.
2. Select **My Docs** → a document.
3. Select a text encoding type (if necessary).
4. View and edit the document as desired.
   - To zoom in or out, use the two finger zoom; Place your two fingers on the screen and slowly pinch or spread apart.
   - To search for text in the document, press [▭] → **Find**.
5. When you are finished editing, save the document.

› Manage documents online

1. In Menu mode, select **ThinkFree Office**.
2. Select **Online**.
3. Enter your user name and password to access your account, and then select **Sign in**.
4. View and manage your documents on the server as desired.

My files

Learn to quickly and easily access all of your images, videos, music, sound clips, and other types of files stored on your device and memory card.

Supported file formats

Type	Format
Image	bmp, gif, jpg, png
Video	3gp, mp4, avi, wmv, flv, mkv (Codec: MPEG4, H.263, Sorenson H.263, H.264, VC-1, DivX/XviD)
Music	mp3, m4a, mp4, 3gp, 3ga, wma, ogg, oga, aac, flac

- Some file formats are not supported depending on the software of the device.
- If the file size exceeds the available memory, an error can occur when you open files.
- Avoid locking the device's screen while playing a DivX Video-On-Demand. Each time you lock the screen while playing a DivX Video-On-Demand, one of your available rental counts will be decremented.

Open a file

1. In Menu mode, select **My files**.
2. Select the **Name** drop-down menu and select an option to sort the file list.
3. Select a folder.
   To move up one level in the file directory, select .
4. Select a file to open.

Create a folder

1. In Menu mode, select **My files**.
2. Press [ ] → **New folder**.
3. Enter a name and select **Done**.

Copy or cut files

1. In Menu mode, select **My files** → **Select**.
2. Select folders or files to copy or cut.
3. Select **Copy** or **Cut**.
4. Locate a folder and select **Paste**.

Delete files

1. In Menu mode, select **My files** → **Select**.
2. Select folders or files to delete.
3. Select **Delete** → **Delete**.

Digital Frame

You can use your device as a digital frame and view the clock or slideshow, or play music files.

› View the clock

1. In Menu mode, select **Digital Frame**.
2. Tap the screen to view the icons.
3. Select **Clock**.
4. Press [▭] → **Clock style** to change the clock style.
5. Select a clock and select **OK**.

› View a slideshow

1. In Menu mode, select **Digital Frame**.
2. Tap the screen to view the icons.
3. Select **Slideshow**.
4. Press [▭] → **Add to slideshow**.
5. Select folders and select **Done**.

To change the slideshow effect, press [▭] → **Slideshow effects**.

› Play music files

1. In Menu mode, select **Digital Frame**.
2. Tap the screen to view the icons.
3. Select **Music** → a music file.

Alarm Clock

Learn to set and control alarms for important events.

› Set a new alarm

1. In Menu mode, select **Alarm Clock**.
2. Select ⊕ or press [▭] → **Add alarm**.
3. Set alarm details.
4. When you are finished, select **Done**.

› Stop an alarm

When the alarm sounds,

- To stop the alarm, drag ⊗ right until it reaches the dot.
- To repeat the alarm after a specified length of time, drag zZ left until it reaches the dot.

› Delete an alarm

1. In Menu mode, select **Alarm Clock**.
2. Press [▭] → **Delete alarm**.
3. Select alarms to delete.
4. Select **Delete**.

You can delete or deactivate alarms by tapping and holding an alarm and selecting **Delete alarm** or **Deactivate alarm**.

› Change the clock style

1. In Menu mode, select **Alarm Clock**.
2. Tap the clock image.
3. Drag left or right at the bottom of the screen.
4. Select **Set clock style**.

Calculator

Learn to perform mathematical calculations directly on your device like a typical hand-held or desktop calculator.

1. In Menu mode, select **Calculator**.
2. Use the keys that correspond to the calculator display to perform basic mathematical operations.

Rotate the device counterclockwise to landscape view to use the scientific calculator.

Task Manager

With the task manager, you can view currently running applications, package size of applications, and memory information, and monitor the RAM memory.

1. In Menu mode, select **Task Manager**.
2. Use the following options:
   - **Active applications**: View the list of all the applications currently running on your device.
   - **Package**: View the package size of applications installed on your device.
   - **RAM manager**: Check and manage the RAM memory.
   - **Summary**: View the used and available memory on your device and memory card.
   - **Help**: View help information about extending battery life.

World Clock

Learn to view the time in another region.

1. In Menu mode, select **World Clock**.
2. Select [+] or press [Menu] → **Add city**.
3. Enter a city name or select one from the list.
   To select a city in the world map view, select [🌐].
4. To add more world clocks, repeat steps 2-3.

To apply the daylight saving time to the clocks, press [Menu] → **DST settings**. When you tap on a clock, the current time of the clock is adjusted forward 1 or 2 hours.

Voice Search

Learn to search for information on the web by voice.

This feature may be unavailable depending on your region or service provider.

1. In Menu mode, select **Voice Search**.
2. Say a keyword into the microphone.
   The device searches for information and web pages related to the keyword.

Settings

Access the Settings menu

1. In Menu mode, select **Settings**.
2. Select a setting category and select an option.

Wireless and network

Change the settings for wireless network connections.

› Flight mode

Disable all wireless functions on your device. You can use only non-network services.

› Wi-Fi settings

- **Wi-Fi** : Turn the WLAN feature on or off. ► p. 47
- **Network notification**: Set the device to notify you when an open network is available.
- **WPS button connection**: Connect to a WLAN using a Wi-Fi Protected Setup (WPS) button.
- **Add Wi-Fi network**: Add WLAN APs manually.

› Bluetooth settings

- **Bluetooth**: Turn the Bluetooth wireless feature on or off. ► p. 48
- **Device name**: Set a Bluetooth name for your device.
- **Visible**: Set your device to be visible to other Bluetooth devices.
- **Scan devices**: Search for available Bluetooth devices.

› VPN settings

Set up and manage Virtual Private Networks (VPNs).

› USB settings

Activate various USB connection modes when you connect your device to a PC. ► p. 46

› Synchronize

Set up synchronization profiles and synchronize your data with the specified web server.

Sound settings

Change the settings for various sounds on your device.

- **Silent mode**: Activate Silent mode to mute all sounds except media sounds and alarm ringtones.
- **Vibrate**: Set when the device will vibrate for various events.

- **Volume**: Adjust the volume level for music and videos, alarm ringtones, device system, and notifications.
- **Notification ringtone**: Select a ringtone to alert you to events, such as incoming messages and calendar events.
- **Audible touch tones**: Set the device to sound when you touch the keypad.
- **Audible selection**: Set the device to sound when you select an application or option on the touch screen.
- **Screen lock sounds**: Set the device to sound when you lock or unlock the touch screen.
- **Haptic feedback**: Set the device to vibrate when you touch the keys.
- **Vibration intensity**: Adjust the vibration intensity of the haptic feedback.

Display settings

Change the settings for the display.

- **Wallpapers**:
  - **Home screen wallpaper**: Select a background image for the idle screen.
  - **Lock screen wallpaper**: Select a background image for the screen lock.
- **Font style**: Change the font type for the display text. You can download fonts from Android Market by selecting **Get fonts online**.
- **Brightness**: Set the brightness of the display.
- **White color density**: Adjust the color density for white tones.
- **Black color density**: Adjust the color density for black tones to enhance the image depth.
- **Saturation**: Adjust the color saturation.
- **Animation**: Set the device to display animation when you switch between windows.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Power saving mode**: Activate Power saving mode. In Power saving mode, the device saves power by adjusting the white balance and the brightness on the screen.
- **Horizontal calibration**: Calibrate the geomagnetic sensor when the compass or augment reality application shows incorrect information.

  - Keep the touch screen or keypad facing up during calibration.
  - Calibration may take some time, depending on your location or other circumstances.
  - Calibration may not be possible in areas with strong magnetic fields. If the calibration fails, move to another area and try again.
  - If you enter an area with strong magnetic fields after calibration, your device will automatically attempt to recalibrate the geomagnetic sensor.
  - The geomagnetic sensor in your device does not support the bird's-eye view, which fixes the directions. Therefore, a small error may occur in measuring angles and cause a map to be turned upside-down.

Location and security

Change the settings for securing your device and GPS functionality.

- **Use wireless networks**: Set to use WLAN for finding your location.
- **Use GPS satellites**: Set to use the GPS satellite for finding your location.
- **Set screen lock**: Set the unlock security code. When you have set your security code, this option changes to **Change screen lock**.
  - **None**: Disable the screen lock.
  - **Pattern**: Set an unlock pattern to unlock the screen.
  - **PIN**: Set a PIN (numeric) to unlock the screen.
  - **Password**: Set a password (alphanumeric) to unlock the screen.
- **Visible passwords**: By default, the device displays your password as • for security. Set the device to display your password as you enter.
- **Select device administrators**: View device administrators installed on your device. You can activate device administrators to apply new policies to your device.
- **Use secure credentials**: Use certificates and credentials to ensure secure use of various applications.
- **Install encrypted certificates from SD card**: Install encrypted certificates that are stored on a memory card.
- **Set password**: Create and confirm a password for accessing credentials.
- **Clear storage**: Erase the credential contents from the device and reset the password.

Applications

Change the settings for managing installed applications.

- **Unknown sources**: Select to download applications from any source. If you do not select this option, you can download applications only from Android Market.
- **Manage applications**: Access the list of the applications installed on the device and check the application information. You can also view the applications that are currently running or stored in a memory card.
- **Running services**: View the services you are using and access them to manage.
- **Development**:
  - **USB debugging**: Select to connect your device to a PC by using a PC data cable. This is for application development.
  - **Stay awake**: Set the device's screen to stay on while charging the battery.
  - **Allow mock locations**: Allow mock locations and service information to be sent to a Location Manager service for testing. This is for application development.
- **Samsung Apps**: Set to receive notifications for new applications from Samsung Apps.

Accounts and sync

Change the settings for the auto sync feature or manage accounts for synchronization.

- **Background data**: Select this setting to use the auto sync feature. The auto sync will run in the background without opening applications and synchronize data.
- **Auto-sync**: Set the device to synchronize contact, calendar, and email data automatically.

Privacy

- **Back up my settings**: Back up your device's settings to the Google server.
- **Automatic restore**: Set the device to restore applications' data you backed up when they are installed in your device.
- **Factory data reset**: Reset your settings to the factory default values and delete all your data.

SD card and device storage

Check memory information of memory cards and your device, and format the external or internal memory.

Search

Change the Google Search settings.

- **Google search**:
  - **Show web suggestions**: Set the device to display suggestions while you are entering a keyword.
  - **Use My Location**: Set the device to use your current location for Google search and other Google services.
  - **Search history**: Set the device to show the search of your Google account.
  - **Manage search history**: Manage the search history of your Google account.
- **Searchable items**: Select the types of items to include in your search.
- **Clear shortcuts**: Clear the information from recent searches.

Locale and text

Change the settings for text input.

› Select locale

Select a display language for all menus and applications.

› Select input method

Select a default keyboard type for text input.

Swype

- **Language**: Select a language to be used for text input.

  You cannot enter text in some languages. To enter text, you should change the writing language to one of the supported languages.

- **Keypad size**: Select a keypad size.
- **Word prediction**: Set the device to predict words according to your input and display word suggestions.
- **Audio feedback**: Set to alert you when there are no alternative words for your input if you double-tap a word.
- **Vibrate on keypress**: Set the device to vibrate when you touch a key.
- **Enable tip indicator**: Set to alert you to quick help by blinking the tip indicator.
- **Auto-spacing**: Set the device to automatically insert a space between words.
- **Auto-capitalization**: Set the device to automatically capitalize the first letter after a final punctuation mark, such as a period, question mark, or exclamation mark.
- **Show complete trace**: Set to display the trace of your dragging on the keyboard.
- **Word choice window**: Set how often the word list will display.
- **Speed vs. accuracy**: Set the balance for the speed and accuracy.
- **Swype help**: Access help information for using the Swype keyboard.
- **Tutorial**: Learn how to enter text faster with the Swype keyboard.
- **Version**: View version information.

Samsung keypad

- **Input language**: Select languages to be used for text input.

  You cannot enter text in some languages. To enter text, you should change the writing language to one of the supported languages.

- **XT9**: Activate XT9 mode to enter text using Predictive input mode.
- **XT9 advanced settings**: Activate the advanced features of XT9 mode, such as auto completion, auto correction, or auto substitution, and set up your own word list.
- **Automatic full stop**: Set the device to insert a period when you double-tap the space bar.
- **Auto-capitalization**: Set the device to automatically capitalize the first letter after a final punctuation mark, such as a period, question mark, or exclamation mark.
- **Voice input**: Activate the voice input feature to enter text by voice on the Samsung keypad.
- **Tutorial**: Learn how to enter text with the Samsung keypad.

Voice input and output

Change the settings for the voice recognizer and the text-to-speech feature.

› Voice recognition settings

- **Language**: Select a language for the Google voice recognition.
- **SafeSearch**: Set the device to filter explicit text and/or images from voice search results.
- **Block offensive words**: Hide offensive words your device recognized from voice search results.
- **Show hints**: Set to show a suggested term or phrase for the voice search feature.

› Text-to-speech settings

- **Listen to an example**: Listen to the spoken text for an example. Install voice data for using the text-to-speech feature.
- **Always use my settings**: Set the device to use the settings you specify in applications rather than the default settings.
- **Default engine**: Set the speech synthesis engine to be used for spoken text.
- **Install voice data**: Download and install voice data for the text-to-speech feature.
- **Speech rate**: Select a speed for the text-to-speech feature.
- **Language**: Select a language for the text-to-speech feature.
- **Engines**: View the text-to-speech engines downloaded from Android Market.

Accessibility

Change the settings for accessibility features.

- **Accessibility**: Activate an accessibility application you have downloaded, such as Talkback or Kickback, which provide voice, melody, or vibration feedback.
- **Accessibility services**: Select an accessibility application to use. This option is available only when you downloaded accessibility applications on your device.

Date and time

Access and alter the following settings to control how time and date are displayed on your device:

- **Set date**: Set the current date manually.
- **Select time zone**: Set your home time zone.
- **Set time**: Set the current time manually.
- **Use 24-hour format**: Set to the time to be displayed in 24-hour format.
- **Select date format**: Select a date format.

About device

Access information about your device, check the device's status, and learn how to use your device.

Troubleshooting

Your device displays network or service error messages

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

The touch screen responds slowly or improperly

If your device has a touch screen and the touch screen is not responding properly, try the following:

- Remove any protective covers from the touch screen. Protective covers may prevent the device from recognizing your inputs and are not recommended for touch screen devices.
- Ensure that your hands are clean and dry when tapping the touch screen.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, take it to your local Samsung Service Center.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality. If your device is still responsive but a program is frozen, close the program using the task manager. If your device is frozen and unresponsive, press and hold [⏻] for 8-10 seconds.

If this does not solve the problem, perform a factory data reset. In Menu mode, select **Settings** → **Privacy** → **Factory data reset** → **Reset device** → **Erase everything**.

The device beeps and the battery icon flashes

Your battery is low. Recharge or replace the battery to continue using the device.

The battery does not charge properly or the device turns off

If the battery will no longer charge completely, you need to replace it with a new battery. Take your device to your local Samsung Service Center.

Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your Samsung mobile device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery.
- Free some memory by transferring files to a PC or deleting files from your device.
- Restart the device.
- If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Center.

Error messages appear when opening music files

Some music files may not play on your Samsung mobile device for a variety of reasons. If you receive error messages when opening music files on your device, try the following:

- Free some memory by transferring files to a PC or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate license or key to play the file.
- Ensure that your device supports the file type.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to, if necessary.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Center.

A connection is not established when you connect the device to a PC

- Ensure that the PC data cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your PC.

Safety precautions

To prevent injury to yourself and others or damage to your device, read all of the following information before using your device.

Warning: Prevent electric shock, fire, and explosion

Do not use damaged power cords or plugs, or loose electrical sockets

Do not touch the power cord with wet hands, or disconnect the charger by pulling on the cord

Do not bend or damage the power cord

Do not use your device while charging or touch your device with wet hands

Do not short-circuit the charger or the battery

Do not drop or cause an impact to the charger or the battery

Do not charge the battery with chargers that are not approved by the manufacturer

Do not use your device during a thunderstorm

Your device may malfunction and your risk of electric shock is increased.

Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery

For safe disposal of your Li-Ion batteries, contact your nearest authorized service center.

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your device. Incompatible batteries and chargers can cause serious injuries or damage to your device.
- Never dispose of batteries or devices in a fire. Follow all local regulations when disposing of used batteries or devices.
- Never place batteries or devices on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Protect the device, batteries, and chargers from damage

- Avoid exposing your device and batteries to very cold or very hot temperatures.
- Extreme temperatures can cause the deformation of the device and reduce the charging capacity and life of your device and batteries.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and – terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

Caution: Follow all safety warnings and regulations when using your device in restricted areas

Turn off your device where prohibited

Comply with all regulations that restrict the use of a mobile device in a particular area.

Do not use your device near other electronic devices

Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

Do not use your device near a pacemaker

- Avoid using your device within a 15 cm range of a pacemaker if possible, as your device can interfere with the pacemaker.
- If you must use your device, keep at least 15 cm away from the pacemaker.
- To minimize the possible interference with a pacemaker, use your device on the opposite side of your body from the pacemaker.

Do not use your device in a hospital or near medical equipment that can be interfered with by radio frequency

If you personally use any medical equipment, contact the manufacturer of the equipment to ensure the safety of your equipment from radio frequency.

If you are using a hearing aid, contact the manufacturer for information about radio interference

Some hearing aids may be interfered with by the radio frequency of your device. Contact the manufacturer to ensure the safety of your hearing aid.

Turn off the device in potentially explosive environments

- Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refueling points (service stations), near fuels or chemicals, and at blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Turn off your device when in an aircraft

Using your device in an aircraft is illegal. Your device may interfere with the electronic navigation instruments of the aircraft.

Electronic devices in a motor vehicle may malfunction due to the radio frequency of your device

Electronic devices in your car may malfunction due to radio frequency of your device. Contact the manufacturer for more information.

Comply with all safety warnings and regulations regarding mobile device usage while operating a vehicle

While driving, safely operating the vehicle is your first responsibility. Never use your mobile device while driving, if it is prohibited by law. For your safety and the safety of others, practice good common sense and remember the following tips:

- Use a hands-free device.
- Do not take notes or look up phone numbers. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility of driving safely.

Proper care and use of your mobile device

Keep your device dry

- Humidity and all types of liquids may damage device parts or electronic circuits.
- When wet, turn off your device. Dry your device with a towel and take it to a service center.
- Liquids will change the color of the label that indicates water damage inside the device. Water damage to your device can void your manufacturer's warranty.

Do not use or store your device in dusty, dirty areas

Dust can cause your device to malfunction.

Do not store your device on slopes

If your device falls, it can be damaged.

Do not store your device in hot or cold areas. Use your device at -20 °C to 45 °C

- Your device can explode if left inside a closed vehicle, as the inside temperature can reach up to 80 °C.
- Do not expose your device to direct sunlight for extended periods of time (such as on the dashboard of a car).
- Store the battery at -20 °C to 45 °C.

Do not store your device with such metal objects as coins, keys and necklaces

- Your device may become deformed or malfunction.
- If the battery terminals are in contact with metal objects, it may cause a fire.

Do not store your device near magnetic fields

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.
- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.
- Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers

- The battery may leak.
- Your device may overheat and cause a fire.

Do not drop your device or cause impacts to your device

- The screen of your device may be damaged.
- If bent or deformed, your device may be damaged or parts may malfunction.

Do not use a flash close to the eyes of people or animals

Using a flash close to the eyes may cause temporary loss of vision or damage to the eyes.

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purposes.

Use manufacturer-approved batteries, chargers, accessories and supplies

- Using generic batteries or chargers may shorten the life of your device or cause the device to malfunction.
- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.

Do not bite or suck on the device or the battery

- Doing so may damage the device or cause explosion.
- If children use the device, make sure that they use the device properly.

When using the device:

- Speak directly into the mouthpiece.
- Avoid contact with your device's internal antenna. Touching the antenna may cause the device to transmit more radio frequency than necessary.
- Hold the device with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as predictive text), and take frequent breaks.

Protect your hearing

- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while driving may distract your attention and cause an accident.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.

Use caution when using the device while walking or moving

Always be aware of your surroundings to avoid injury to yourself or others.

Do not carry your device in your back pockets or around your waist

You can be injured or damage the device if you fall.

Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your manufacturer's warranty. For service, take your device to a Samsung Service Center.
- Do not disassemble or puncture the battery, as this can cause explosion or fire.

Do not paint or put stickers on your device

Paint and stickers can clog moving parts and prevent proper operation. If you are allergic to paint or metal parts of the product, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the product and consult your physician.

When cleaning your device:

- Wipe your device or charger with a towel or a rubber.
- Clean the terminals of the battery with a cotton ball or a towel.
- Do not use chemicals or detergents.

Do not use the device if the screen is cracked or broken

Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Center to have it repaired.

Do not use the device for anything other than its intended use

Avoid disturbing others when using the device in public

Do not allow children to use your device

Your device is not a toy. Do not allow children to play with it as they could hurt themselves and others, or damage the device.

Install mobile devices and equipment with caution

- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Avoid placing your device and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Allow only qualified personnel to service your device

Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

Handle memory cards with care

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Do not touch gold-colored contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

Be sure to back up important data

Samsung is not responsible for data loss.

Do not distribute copyright-protected material

Do not distribute copyright-protected material that you have recorded to others without the permission of the content owners. Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of copyrighted material.

Specific Absorption Rate (SAR) certification information

Your device conforms to U.S. Federal Communications Commission (FCC) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile device that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 1.6 W/kg.

During testing, the maximum SAR recorded for this model was 0.70 W/kg. In normal use, the actual SAR is likely to be much lower, as the device has been designed to emit only the RF energy necessary to transmit a signal to the nearest base station. By automatically emitting lower levels when possible, your device reduces your overall exposure to RF energy.

The FCC has granted an Equipment Authorization for this model device based on the compliance of all reported SAR levels with the FCC RF exposure guidelines. The authorization can be found on the FCC Office of Engineering and Technology website at www.fcc.gov/oet/ea (search for grantee code A3L and product code GTP1010A).

When carrying the product or using it while worn on the body maintain a distance of 5 mm from the body to ensure compliance with RF exposure requirements.

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Index

alarms
- creating 54
- deactivating 54
- stopping 54

AllShare 49

battery
- charging 8

Bluetooth
- activating 48
- finding and pairing with devices 48
- receiving data 49
- sending data 49

brightness, display 18

calendar
- creating events 44
- viewing events 44

camera
- capturing photos 37
- customizing camcorder 40
- customizing camera 39
- recording videos 39

connections
- Bluetooth 48
- DLNA 49
- PC 46
- WLAN 47

contacts
- creating 43

daily briefing 27

device
- customizing 17
- indicator icons 13
- keys 12
- layout 11
- settings 57
- shortcuts panel 16
- turning on or off 11

digital frame 53

DLNA
- see AllShare

ebook
- downloading 25
- importing 51
- reading 25, 51

email
- sending 32
- setting accounts 32
- viewing 33

file manager
- copying or cutting files 53
- deleting files 53
- opening files 53
- supported file formats 53

gallery
- playing videos 42
- viewing photos 42

Google Mail 31

Google Maps 28

Google Talk 33

idle screen
adding items 15
moving items 16
removing items 16
internet
see web browser
language 60
market 26
memory card
formatting 10
inserting 9
removing 10
memos
creating 45
viewing 45
menu screen
accessing 16
organizing 17
messages
sending email 32
setting email accounts 32
music player
adding files 35
creating playlists 36
playing music 35
PC connections
mass storage 46
Samsung Kies 46
Windows Media Player 46
phonebook
creating contacts 43
creating groups 43
finding contacts 43
photos
capturing 37
capturing by scene 38
capturing in smile shot 38
capturing panoramic 38
capturing yourself 39
viewing 42
qik video 31
Samsung Apps 25
Samsung Kies 46
settings
accessibility 62
accounts and sync 60
applications 59
date and time 62
locale and text 60
location and security 59
privacy 60
SD card and phone storage 60
search 60
text-to-speech 62
wireless and network 57
silent mode 11
synchronization 46
task manager 55
text input 19
text memos 45
ThinkFree Office 52
time and date, set 17
touch screen
locking 14
using 14

unpack 8
video player 41, 42
videos
capturing 39
playing 41, 42
voice search 56
web browser
adding bookmarks 24
adding RSS feeds 24
browsing web pages 22
opening multiple pages 23
searching for information by voice 23
Windows Media Player 46
WLAN
activating 47
finding and connecting to networks 47
using WPS 48
world clock 55
YouTube
uploading videos 27
watching videos 26

Some of the contents in this manual may differ from your device depending on the software of the device or your service provider.

To install Kies (PC Sync) Kies

1. Download the latest version of Kies from the Samsung website (**www.samsungmobile.com**) and install it on your PC.
2. In Menu mode, select **Settings** → **Wireless and network** → **USB settings** → **Samsung Kies**.
3. Using a PC data cable, connect your device to your PC. Refer to the Kies help for more information.

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